Inter nai Application No PCT7NL2004/000502

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A01N3/02 A01N A01N25/10 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A01N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, CAB Data, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X DATABASE WPI 1-4,10, Section Ch, Week 200209 15.18 Derwent Publications Ltd., London, GB; Class A23, AN 2002-064483 XP002305175 & JP 2001 278937 A (MITSUI CHEM INC) 10 October 2001 (2001-10-10) Υ abstract 17 X WO 99/55154 A (STAR TINUS WILLEM HENDRIK ; 7-10,12. VONK HANS (NL)) 4 November 1999 (1999-11-04) 15 - 18page 5, line 14 - line 27 page 4, line 12 - line 17 page 2, line 9 - page 3, line 33 page 1, line 1 - line 6 Y 1-18 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. 'O' document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 12 November 2004 24/11/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Lamers, W.

Inter Inal Application No PCT/NL2004/000502

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	DATABASE WPI Section Ch, Week 198925 Derwent Publications Ltd., London, GB; Class A97, AN 1989-182747 XP002305176 & JP 01 121201 A (DAICEL CHEM IND LTD) 12 May 1989 (1989-05-12) abstract	1,2,5,6		
Y	DATABASE WPI Section Ch, Week 199717 Derwent Publications Ltd., London, GB; Class G04, AN 1997-186861 XP002267063 & JP 09 047154 A (FUSHIMI SEISAKUSHO KK) 18 February 1997 (1997-02-18) abstract	1,2,5,6		
Y	US 5 580 975 A (TADA SUGURU) 3 December 1996 (1996-12-03) column 1, line 47 - line 54 column 3, line 64 - column 4, line 6 column 4, line 40 - line 51	1-11, 13-18		
Υ .	US 5 315 782 A (BARCLAY WILLIAM M ET AL) 31 May 1994 (1994-05-31) column 3, line 38 - line 41 column 2, line 22 - line 66	17		
Υ	GB 1 576 999 A (CENTRE NAT EXPLOIT OCEANS) 15 October 1980 (1980-10-15) page 2, line 3 - line 29 page 2, line 65 - page 3, line 11	7,12		
Х	US 4 985 061 A (HUGHES JOHN) 15 January 1991 (1991-01-15) column 10, line 23 - line 42 column 3, line 8 - column 4, line 2	1-3,10, 15,16,18		
X	DATABASE WPI Section PQ, Week 198607 Derwent Publications Ltd., London, GB; Class P27, AN 1986-046737 XP002267064 & SE 8 403 211 A (NILSSON-ENGEROTH B) 15 December 1985 (1985-12-15) abstract -& SE 8 403 211 A 15 December 1985 (1985-12-15) page 3, paragraphs 5,6 page 4, paragraph 3	1,3-7, 10-12, 15,18		
	-/			

Inte nal Application No
PCT7NL2004/000502

Citation of document, with indication, where appropriate, of the relevant passages DATABASE WPI Section Ch, Week 198926 Derwent Publications Ltd., London, GB; Class All, AN 1989-190487 XP002305177 & JP 01 130726 A (DAICEL CHEM IND LTD) 23 May 1989 (1989-05-23) abstract DATABASE WPI Section Ch. Week 200367	1-6,10, 11,18
Section Ch, Week 198926 Derwent Publications Ltd., London, GB; Class All, AN 1989-190487 XP002305177 & JP 01 130726 A (DAICEL CHEM IND LTD) 23 May 1989 (1989-05-23) abstract DATABASE WPI	11,18
Derwent Publications Ltd., London, GB; Class A97, AN 2003-705328 XP002305178 & KR 2003 038 964 A (UNID CO LTD) 17 May 2003 (2003-05-17) abstract	1-6,10, 11,18
DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; F.ESPOSITO ET AL.: "Water sorption in cellulose based hydrogels" XP002305174 retrieved from STN-INTERNATIONAL Database accession no. 124:263718 abstract & POLYMERIC MATERIALS SCIENCE ANDE AND ENGINEERING, vol. 74, 1996, pages 368-369,	1,3-6, 10,11,18
EP 0 604 862 A (ELCHROM LTD) 6 July 1994 (1994-07-06) claims 1-15	1,3-6, 10,18
WO 96/15154 A (PROCTER & GAMBLE; FORNASARI GIANCARLO (IT); TORRI GIANGIACOMO (IT); C) 23 May 1996 (1996-05-23) the whole document	1-6,10, 11,15, 16,18
WO 03/101196 A (TIMMERMANS JOHANNES WILHELMUS; TNO (NL); MONTIJN ROY CHRISTIAAN (N) 11 December 2003 (2003-12-11) page 2, line 13 - page 3, line 2 page 3, line 19 - page 4, line 19 page 6, line 5 - line 9 page 6, line 29 - page 11, line 10	1-18
US 5 679 617 A (HANAFUSA MIHO ET AL) 21 October 1997 (1997-10-21) the whole document	1-18
	Section Ch, Week 200367 Derwent Publications Ltd., London, GB; Class A97, AN 2003-705328 XP002305178 & KR 2003 038 964 A (UNID CO LTD) 17 May 2003 (2003-05-17) abstract DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; F.ESPOSITO ET AL.: "Water sorption in cellulose based hydrogels" XP002305174 retrieved from STN-INTERNATIONAL Database accession no. 124:263718 abstract & POLYMERIC MATERIALS SCIENCE ANDE AND ENGINEERING, vol. 74, 1996, pages 368-369, EP 0 604 862 A (ELCHROM LTD) 6 July 1994 (1994-07-06) claims 1-15 WO 96/15154 A (PROCTER & GAMBLE; FORNASARI GIANCARLO (IT); TORRI GIANGIACOMO (IT); C) 23 May 1996 (1996-05-23) the whole document WO 03/101196 A (TIMMERMANS JOHANNES WILHELMUS; TNO (NL); MONTIJN ROY CHRISTIAAN (N) 11 December 2003 (2003-12-11) page 2, line 13 - page 3, line 2 page 3, line 19 - page 4, line 19 page 6, line 5 - line 9 page 6, line 29 - page 11, line 10 US 5 679 617 A (HANAFUSA MIHO ET AL) 21 October 1997 (1997-10-21) the whole document

Intel Isl Application No
PCI/NL2004/000502

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/15702 A (AGRES LTD ; JOHNSON VON WALTER (NZ); PEARSON JOAN FRANCES (NZ)) 28 February 2002 (2002-02-28) page 4, line 18 - page 5, line 11 page 7, line 15 - page 8, line 2	1–18
A	DATABASE WPI Section Ch, Week 200281 Derwent Publications Ltd., London, GB; Class All, AN 2002-743661 XP002267062 & JP 2002 138162 A (INOAC CORP KK) 14 May 2002 (2002-05-14) abstract	1-18
Α	US 5 009 890 A (DIPIPPO ASCANIO G) 23 April 1991 (1991-04-23) column 2, line 12 - column 4, line 8	1-18

Inter nal Application No
PCT/NL2004/000502

	ent document in search report		Publication date		Patent family member(s)		Publication date
JP 2	2001278937	Α	10-10-2001	NONE			
WO S	9955154	A	04-11-1999	NL AT	1008986 226788		26-10-1999 15-11-2002
				ΑÜ	754343		14-11-2002
			•	AU	3446099		16-11-1999
				CA	2328852		04-11-1999
				DE	69903723	D1	05-12-2002
				DE	69903723		31-07-2003
			•	EP	1073330		07-02-2001
				JP	2003524584		19-08-2003
				WO	9955154		04-11-1999
				NZ	507466		28-02-2003
				US 	2003131528		17-07-2003
JP	1121201	Α	12-05-1989	JP	2009914		02-02-1996
				JP 	7045361 	В	17-05-1995
JP	9047154	Α	18-02-1997	NONE			
US	5580975	Α	03-12-1996	JP	2509083	B2	19-06-1996
				JP	7082101	Α	28-03-1995
				NL	9401194	Α	16-02-1995
us	5315782	Α	31-05-1994	NONE			
GR	1576999	Α	15-10-1980	FR	2384010	Δ1	13-10-1978
~ D	10.0333	,,	10 10 1500	ΑÙ	517059		09-07-198
				AU	3387878		13-09-1979
			•	BR	7801539		10-10-1978
				DK	112978		16-09-1978
				JP	53113836		04-10-1978
				NL	7802839		19-09-197
				МО	780814		18-09-197
				SE US	7802890 4297137		16-09-197 27-10-198
US	4985061	Α	15-01-1991	US US	4906276		06-03-199
					4985062 	н 	15-01-199
SE	8403211	A	15-12-1985	NONE	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
JP	1130726	Α	23-05-1989	JP	2043611		09-04-199
				JP	7071627	В	02-08-199
KR	2003038964	Α	17-05-2003	NONE			
EP	0604862	Α	06-07-1994	US	5371208	Α	06-12-199
				AT	184614	T	15-10-199
				CA	2112450	A1	01-07-199
				DE	69326422		21-10-199
				DE	69326422		27-07-200
				EP	0604862		06-07-199
				JP JP	3492405		03-02-200
				US	6316592 5541255		15-11-199 30-07-199
				US	5767196		16-06-199
				-	3, 3, 190	• •	10 00 199

inte nal Application No PCT/NL2004/000502

Patent docun cited in search		Publication date .		Patent family member(s)	_	Publication date
WO 961515	64 A	23-05-1996	IT AU CA EP JP WO US	0791015	A A1 A1 T A1	10-05-1996 06-06-1996 23-05-1996 27-08-1997 22-09-1998 23-05-1996 14-07-1998
WO 031011	196 A	11-12-2003	NL WO	1020716 03101196		02-12-2003 11-12-2003
US 56796	17 A	21-10-1997	JP NL NL	8198702 1002194 1002194	C2	06-08-1996 26-01-1999 31-07-1996
WO 02157	02 · A	28-02-2002	NZ AU EP WO US	506484 8456001 1315423 0215702 2004102328	A A1 A1	31-01-2003 04-03-2002 04-06-2003 28-02-2002 27-05-2004
JP 20021	38162 A	14-05-2002	NONE			
US 50098	90 A	23-04-1991	US US US	6033675 5529784 5384125	Α	07-03-2000 25-06-1996 24-01-1995